PATENT	APPLICATION	SERIAL	NO
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## U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE FEE RECORD SHEET

02/22/2002 MNGUYEN 00000058 10049709

01 FC:957

355.00 OP

Adjustment date: 11/14/2002 IEVANS 02/22/2002 MNGUYEN 00000058 10049709 01 FC:957 -355.00 OP

11/14/2002 IEVANS 00000001 502061 10049709

01 FC:2610

15.00 CH

355.00 OP

PTO-1556 (5/87)

## EXPRESS MAIL CERTIFICATE

"Express Mail" mailing label number:

EV 043786916 US

Date Of Deposit: February 15, 2002

Title of Invention:

COMPOSITE CERAMIC HAVING NANO-SCALE GRAIN

DIMENSIONS AND METHOD FOR MANUFACTURING SAME

Inventor:

Kalman et al.

## Document List:

Transmittal Letter 1.

- International Search Report 2.
- Information Disclosure Statement with Transmittal 3.
- Change of Correspondence Address 4.
- Express mailing Certificate 5.
- Return Receipt Postcard. 6.

I hereby certify that this paper and fee are being deposited with the United States Postal Service's "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and are addressed to Assistant Commissioner for Patents, U.S. Patent and Trademark Office, Washington, D.C. 20231

S. Campbed

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			ON DAMPINE AND TO ADDITANDE OFFICE	ATTOR DOCKET NUMBER					
ORM PTO	)-1390 (l )000)	Modified) U.S. DEPARTMEN	MMERCE PATENT AND TRADEMARK OFFICE	Kalmarei					
•		ANSMITTAL LETTER	U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR						
		DESIGNATED/ELECTE	10/049709						
CUNCERNING A TILLING ONDER 33 SISTEMAN									
NTERN	IATIO	NAL APPLICATION NO.	INTERNATIONAL FILING DATE August 18, 2000	PRIORITY DATE CLAIMED August 18, 1999					
PER F	N 13 13	CT/US00/22811							
COM	POSI	vention TE CERAMIC HAVING N	ANO-SCALE GRAIN DIMENSIONS	AND METHOD FOR					
TITLE OF INVENTION COMPOSITE CERAMIC HAVING NANO-SCALE GRAIN DIMENSIONS AND METHOD FOR MANUFACTURING SAME									
APPLICANT(S) FOR DO/EO/US									
Kalma									
Applic	ant he	rewith submits to the United Sta	tes Designated/Elected Office (DO/EO/US) the	ne following items and other information:					
1.			tems concerning a filing under 35 U.S.C. 371						
2.		This is a SECOND or SUBSEO	UENT submission of items concerning a filir	ng under 35 U.S.C. 371.					
3.	⊠	This is an express request to beg	in national examination procedures (35 U.S.C	C. 371(f)). The submission must include itens (5), (6),					
		(9) and (24) indicated below.							
4.			expiration of 19 months from the priority date	. (Afficie 51).					
5.	$\boxtimes$	A copy of the International App	lication as filed (35 U.S.C. 371 (c) (2))	ational Bureau).					
		a. is attached hereto (required only if not communicated by the International Bureau).							
'		b. \( \begin{align*} \text{has been communicated by the International Bureau.} \)							
	<ul> <li>c.  is not required, as the application was filed in the United States Receiving Office (RO/US).</li> <li>An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).</li> </ul>								
<b>√</b> 6.	Ø	Company of the second of the s	tor the meaning of Francisco						
			abmitted under 35 U.S.C. 154(d)(4).						
7	- Article 19 (35 U.S.C. 371 (c)(3))								
, · ·	<ul> <li>Amendments to the claims of the international Application under PCT Attack P (35 c.e.)</li> <li>a.</li></ul>								
·	b.  have been communicated by the International Bureau.								
	c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.								
d. ☐ have not been made and will not be made.									
8.	☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9.	ÌΠ	An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).							
10.	1	Article 36 (35 U.S.C. 371 (c)(5)).							
11.	Ċ	A copy of the International Preliminary Examination Report (PCT/IPEA/409).							
12.	$\boxtimes$	A copy of the International Sea	rch Report (PCT/ISA/210).						
It	ems 1	3 to 20 below concern docume							
13.	$\boxtimes$	An Information Disclosure Sta	tement under 37 CFR 1.97 and 1.98.	and the second of the second of					
14.			ecording. A separate cover sheet in compliance	be with 37 CFR 3.28 and 3.31 is included.					
15.		·							
16.									
17.		A substitute specification.							
18.	Ø	DOT Dulo 12tor 2 and 25 H S C 1 821 - 1 825							
19.		A computer-readable form of the sequence listing in accordance with PCT Rule 13ter. 2 and 35 0.3.C. 1.021 1.023.							
20.		<ul> <li>□ A second copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>□ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> </ul>							
21.									
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U.S. APPLICATION NO. (IF KNOWN SEE 3 INTERNATIONAL APPLICATION NO.					ATTORNEY'S DOCKET NUMBER  Kalman-1					
	10/049/ PCT/US00/22811		1							
BASIC NATIONAL	owing fees are submitted:.  L FEE ( 37 CFR 1.492 (a) (1) - national preference (27 CFR 1.445(a)(2))	fee (37 CFR 1.482) nor		CA	LCULATIONS	PTO USE ONLY				
and Internati	search fee (37 CFR 1.445(a)(2)) onal Search Report not prepared	by the EPO of JPO	\$1000.00							
USPTO but 1	preliminary examination fee (37 International Search Report prepare									
but internation	preliminary examination fee (37 onal search fee (37 CFR 1.445(a)									
but all claim	preliminary examination fee (37 s did not satisfy provisions of PC									
<ul><li>International and all claim</li></ul>	preliminary examination fee (37 as satisfied provisions of PCT Ar	ticle 33(1)-(4)	\$100.00			<u> </u>				
		ATE BASIC FEE AM			\$690.00					
Surcharge of \$130.0 months from the ear	00 for furnishing the oath or decli- liest claimed priority date (37 C	eration later than $\Box$ 2 FR 1.492 (e)).			\$0.00					
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		#0.00					
Total claims	- 20 =	0	х	_	\$0.00 \$0.00					
Independent claims		0	x	-	\$0.00					
Multiple Dependen	t Claims (check if applicable).	A DOME CALCIDAT	TIONS =	<del> </del>	\$690.00					
		ABOVE CALCULAT		-	ψονοισσ					
Applicant clair reduced by 1/2	ms small entity status. (See 37 C	FR 1.27). The lees indicated abou			\$345.00					
,		SUB	TOTAL =	<u> </u>	\$345.00	<u> </u>				
Processing fee of \$	130.00 for furnishing the English rliest claimed priority date (37 C	translation later than 2 FR 1.492 (f)).	20 🗆 30 +		\$0.00					
months from the ea	These claimed priority date (2)	TOTAL NATIONA	L FEE =	T	\$345.00					
Fee for recording th	ne enclosed assignment (37 CFR		\$0.00							
accompanied by an	appropriate cover sheet (37 CFF	$\dagger$	\$345.00							
		TOTAL FEES ENCI	30011	An	ount to be: refunded	\$				
					charged	\$				
a. A c	heck in the amount of \$35	5.00 to cover the above fe	es is enclosed.							
b. 🗆 Ple	ase charge my Deposit Account I	No in the ar	mount of		to cover th	ne above fees.				
	luplicate copy of this sheet is ence.  Commissioner is hereby author.	zed to charge any additional fee	es which may be re	quire	d, or credit any o	overpayment				
to I	Deposit Account No. 04-17	69 A duplicate copy of this	s sheet is enclosed	•						
d. 🔲 Fee	d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.									
NOTE: Where an 1.137(a) or (b)) m	n appropriate time limit under ust be filed and granted to rest	37 CFR 1.494 or 1.495 has not ore the application to pending	been met, a petit status.	ion to	revive (37 CFR	R				
SEND ALL CORE	RESPONDENCE TO:		NO							
Paul A. Schwarz			SIGNATURE							
Duane Morris 100 College Road West			Paul A. Schwarz							
Suite 100										
Princeton, NJ 08	3540		NAME							
			37,577							
			REGISTRAT	ION :	NUMBER					
			February 1	5, 20	02					
			DATE							
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